

**KANSAS DEPARTMENT OF AGRICULTURE
Cooperative Agreement 07-8453-0014-CA**

**Kansas Yearly and Fiscal Report
July 1, 2007-June 30, 2008**

CAPS
1st Quarter Report
July, August, September 2007

Kansas Department of Agriculture
Cooperative Agreement 07-8453-0014-CA

The effective dates for this cooperative agreement are July 1, 2007- June 30, 2008, Kansas fiscal year.

This report summarizes the activities conducted during the agreement's first quarter, July 1st, 2007 through September 30, 2007. Each project is discussed separately below.

Core Project

On July 25 a meeting was held with Laurinda Ramonda, Bill Scott, Jeff Vogel and Glenn Salisbury (Jon Appel was unable to attend) to discuss CAPS work plans for Kansas fiscal year 2009 and current surveys for Kansas fiscal year 2008.

We decided that we should contact the Corp of Engineers to keep tag information and for them not to delete it out of their system. We would like to track vehicles that come from out of state and what county. This would help to know how many vehicles enter the parks from problem areas of the country.

We discussed changing fiscal year to calendar year for CAPS surveys. We would all like this to occur.

Also on July 25 in the afternoon Laurinda Ramonda, Bill Scott, Jeff Vogel, and Glenn Salisbury met with Erin Stiers and Russ McKinney from USDA to clarify the new work plan format. We also discussed with them about changing them from fiscal year to calendar year. They would like to see this occur also but we won't be able to do this with these work plans.

Since most of our survey money will be dedicated to the continuation of the cereal crop nematode survey (lab prices increased), we only submitted a work plan for Sirex noctilio/Pine Sawyers/Bark Beetles. We also will be doing Karnal Bunt as a line item and the Core project. These were submitted to Russ and he sent them in on August 15, 2007.

Conference calls took place with the central state survey coordinators on July 19 and August 7 to discuss surveys, work plan clarification and other issues of concern. These are very useful to help solve problems states are having.

Laurinda Ramonda and Erin Stiers did teleconference training on August 13 with Susan Schechter on NAPIS. This included how to enter data and set up templates. It was helpful and the Karnal Bunt results are entered into the data base.

Laurinda Ramonda, Kitty Crooks, and Jon Appel completed a 2 day class on August 27-28 to get training in the Incident Command System (ICS) 300. All three of us passed the class and will be receiving certificates.

On August 30, Laurinda Ramonda along with the Kansas Department of Agriculture participated in the first of several incident drills for Wolf Creek Nuclear Power Plant. Notification of inspectors, contacting USDA PPQ and preparing a list of live plant dealers in the area are all part of the scenario. The KDA staff was a big help with getting information to me at the command center for the Agriculture Department.

September 7, Bill Scott and Laurinda Ramonda attended the federal outreach training workshop for the Wolf Creek Power Plant. Talks were given by Wolf Creek, the U.S. Nuclear Regulatory Commission (NRC), the Federal Emergency Management Agency (FEMA), the U.S. Department of Energy (DOE), and the U.S. Center for Disease Control (CDC). This workshop was provided to help us understand the roles in emergency response preparedness for Wolf Creek.

Wolf Creek SEOC 101 training was attended by Bill Scott and Laurinda Ramonda on September 14. The purpose of the class was to facilitate understanding of the State Emergency Operations Center (SEOC) and the variables which work together to protect the general public in the event of an emergency at the Wolf Creek Generating Station. The full licensing exercise will be taking place on November 6-7.

September 18, Bill Scott and Laurinda Ramonda attended a meeting with KDHE radiological survey and KDA. We had discussions on how KDHE and KDA will need to work together for the Wolf Creek emergency drills.

Kansas Department of Agriculture held a class on September 20 on how to use the WebEOC. This was attended by Bill Scott and Laurinda Ramonda. WebEOC is used to communicate and document activities during an emergency.

PROJECTS SUBMITTED FOR FISCAL YEAR July 1, 2008-September 30, 2009:

Karnal Bunt-line item

Cereal Crop Nematode-2nd year of 3 year survey

Sirex Noctilio/Pine Sawyers/Bark Beetles: SIREX WOOD WASP-Submitted with this report are several lists of insects identified from families that are known to have important pest species.

As of September 30, nothing has been received back from these projects since being submitted.

Witch Weed

The statewide witchweed survey took place during the month of August. Temporary staff was hired to travel across the state surveying corn and grain sorghum field entrances for evidence of witchweed. Site numbers were based on reported acres of corn and grain sorghum in each crop reporting district. Within each district, fields close to military installations, urban areas, and major highways were chosen for sampling. Data was collected using a PDA/GPS, recording location and site description.

The survey visited 291 fields, of which 165 were corn and 126 were grain sorghum. Sixty-six of the fields were irrigated, with the majority in western third of Kansas. Ninety-three of the 105 Kansas counties were visited during this survey. The results showed that all fields were negative of witchweed and the data will be uploaded to NAPIS in the next quarter.

Greta Marcy Irwin was hired as temporary help to complete the witch weed survey. She completed this survey at the end of August.

Emerald Ash Borer/Oak Splendour Beetle

The remaining funds will be used this fall to finish the distribution of literature to interested parties.

Emerald Ash Borer literature was distributed and outreach provided by Marcy to the following:

- **August 27**-Glen Elder State Park at Lake Waconda, Webster State Park at Webster Reservoir (wildlife and parks office)
- **August 28**-Prairie Dog State Park at Keith Sebelius Lake, Kirwin Reservoir (wildlife and parks office)
- **August 30**-Cedar Bluff State Park at Cedar Bluff Reservoir (wildlife and parks office)
- **August 31**-Wilson State Park at Wilson Lake (wildlife and parks office), Region I, (Literature left to be handed out to area offices)
- **September 7**-Agriculture Extension Offices in Lyndon (Osage County), Burlington (Coffey County), John Redmond Reservoir (Corp of Engineers office)
- **September 10**-Agriculture Extension Offices in Yates Center (Woodson County), Iola (Allen County), Garnett (Anderson County)
- **September 11**-Agriculture Extension Offices in Independence (Montgomery County), Altamont (Labette County), Columbus (Cherokee County), Girard (Crawford County), Pittsburg (Crawford County), Ft. Scott (Bourbon County), Crawford State Fishing Lake (wildlife and parks office), Elk City Lake (wildlife and parks office and Corp of Engineers office)
- **September 12**-Fall River Lake (Corp of Engineers office), Agriculture Extension Office in Fredonia (Wilson County)
- **September 14**- Agriculture Extension Office in Ottawa (Franklin County)
- **September 26**-Heartland Park Race Track, Topeka. (Outreach by Laurinda)
- **September 26-28**-Agriculture Extension Offices in Jackson, Nemaha, Leavenworth, Douglas, Brown, Atchison and Doniphan County. Also Lake Director Banner Creek Reservoir.

Exotic Scarab Beetle

This project is ongoing. The fall survey of plant material coming into the state has begun. So far results have been negative as to the presence of pests in rootballs.

September 21-Marcy

- Grimms Gardens, Hiawatha-Checked 4 rootballs-1 cherry, 1 rhodendron, 1 red bud and 1 yew.

September 27- Marcy and Laurinda

- Blackburn Nursery, Topeka- Checked 4 rootballs-2 cherry, 1 spruce, 1 Japanese maple, 1 spirea. Shipments came from Oregon, Illinois and Oklahoma.
- Home Depot, Manhattan-Checked 4 rootballs-2 Japanese maples, 1 unidentified tree, 1 spruce. Shipment came from Wisconsin.
- Blueville Nursery, Manhattan- Checked 6 potted trees-1 Syringa (Ivory Silk Lilac)-insects found and put into alcohol, 1 Pyrus (Pear), 1 Weigela, 1 Euonymous, 1 Bald Cypress, and Acer (Autumn Blaze maple) Shipments from Oklahoma and Oregon.
- Flint Hills Nursery, Manhattan-Checked potted Austrian Pine and Yew. Shipments were from Oklahoma.

September 28-29-Marcy

- Hermes Nursery, Shawnee-Checked Dogwood (Tennessee), Arbivita (Oklahoma), and Spruce (Michigan)
- Kokopellis, Lenexa-Checked Spruce, Boxwood, Yew and Holly
- Home Depot, Olathe-Checked Cotinus, Japanese Maple and Blue Spruce

Entomology Report

EXOTIC WOOD BORERS: Two additional bark beetles were added to the state list. Several longhorned beetles and flatheaded borers were also added to the fauna known to occur in Kansas. None of the above are deemed detrimental. This year concludes this CAPS project.

NEW YORK WEEVIL: During the exotic wood borer survey one specimen was collected in Cherokee County.

JAPANESE BEETLE: Funds were moved from the *Metarizum* fungus project to collecting grubs infected with *Ovavesicula* and releasing these at several sites in Northeast Kansas. The infected grubs were obtained from a source in Michigan.

Canopy Trapped Specimens

Results from Exotic Wood Borers, project ending on June 30, 2007.

FLATHEADED BORERS 2007

Acmaeodera pulchellus	Agrilaxia flavimana	Agrilus arcuatus	
Agrilus celti	Agrilus egenus		Agrilus
fallax			
Agrilus l. lecontei	Agrilus paracelti	Agrilus otiosus group	
Anthaxia viridifrons			
Anthaxia fisheri	Brachys aerosus		
Chrysobothris adelpha	Chrysobothris p. purpurovittata		
Chrysobothris sexsignata			
Chrysobothris n. sp. will be in shawnee when published			

LONGHORNED BEETLES 2007

Acanthocinus obsoletus	Ataxia hubbardi
Anelaphus parallelus	Anelaphus parallelus
Astylidius paravus	Anelaphus pumilus
Anelaphus villosus	Distenia undata
Dorcas wildii	Dorcaschema alternatus
Dorcaschema cinereum	Dorcaschema nigrum
Eburia haldemani	Ecyrus d. dasycerus
Elaphidion mucronatus	Enaphalodes rufulus
Euderces pini	Eupogonius pauper
Goes pulverulentus	Goes tigrinus
Heterachthes quadrimaculatus	Hyperplatys aspersa
Knulliana c. cincta	Leptostylus transversus
Leptura emarginata	Leptura pictus
Lepturges confluens	Liopinus alpha
Liopinus mimeticus	Liopinus misellus
Megacyllene caryae	Monochamus carolinensis
Neoclytus acuminatus	Neoclytus approximates
Neoclytus j. jouteli	Oeme r. riaida
Parandra b. brunneri	Phymatodes amoenus
Psenocerus supernotatus	Psyrassa unicolor
Purpuricenus humeralis	Rhopalophora longipes
Saperda discoidea	Saperda imitans
Saperda lateralis	Saperda tridentate
Saperda puncticollis	Strangalia luteicornis
Sternidius variegates	Stenocornus cinnamopterus

Typocerus sparsus
Urgleptes
Xylotrechus colonus

Typocerus v. velutinus
Urographus triangularis

BARK BEETLES 2007

Ambrosiodmus rubricollis	Corthylus punctatissimus
Hylastes tenuis	Hylocurcus langstoni
Hylocurcus rudis	Hylurgopinus rufipes
Hypothenemus crudiae	Hypothenemus rotundicollis
Hypothenemus sparsus	
Ips avulsus-----state record. Feeds in dead and unthrifty pine wood	
Ips grandicollis	Ips latidens
Monarthrum fasciatum	Phloeosinus dentatus
Phloeotribus frontalis	Pseudopityophthorus minutissimus
Pseudopityophthorus pruinosis	Pseudothysanoses rigidus
Scolytus multistriatus	Scolytus muticus
Scolytus rugulosus	Trichidias atoma
Xyleborinus saxeseni	Xyleborus celsus
Xylosandrus crassiusculus	Xyleborus ferrugineus
Xyleborus xylographus	

CAPS

2nd Quarter Report

October, November, December 2007

**Kansas Department of Agriculture
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The effective dates for this cooperative agreement are July 1, 2007- June 30, 2008, Kansas fiscal year.

This report summarizes the activities conducted during the agreement's second quarter, October 1, 2007 through December 31, 2007. Each project is discussed separately below.

Core

On October 4-5, Bill Scott and Laurinda Ramonda participated in the Wolf Creek Nuclear Plant Emergency Response exercise. We are located in the Crisis Response Center (CRC) located at the Mills Building in Topeka. This mock exercise is in preparation for the licensing exercise to take place in November for Wolf Creek.

The H.I.S. (Horticulture Inspection Society) Central Chapter annual meeting was held in Fargo, North Dakota on October 15-18. Laurinda Ramonda, Bill Hilbert, Tom Sanders, Bob Buhler and Terry Clarkson attended. The meeting was very informative. Talks consisted of the needle cast disease *Stigmina lautii*, the European Wood Wasp, *Sirex noctilio*, *Sphaeropsis* shoot blight, hardy landscape plants and physiological problems of woody plants. This meeting also was good for networking with other states. Slide presentations from other states in the evening were very useful.

The last mock Wolf Creek drill before the licensing exercise was held October 18-19. Bill Scott and Kitty Crooks attended on the 18th and Laurinda Ramonda attended on the 19th.

The Wolf Creek licensing exercise was held on November 6-7. Bill Scott and Laurinda Ramonda attended. The Agriculture Crisis Response Center (Ag CRC) went well and a part of the exercise even involved the Plant Protection program. Bill had to speak on the phone with a supposed farmer about getting an inspection for a phyto.

On November 8, Laurinda Ramonda attended the Kansas Fruit Growers Association Fall Field Day. Attendance was good and the talks were informative which included raspberry and blackberry management, growing small fruit in high tunnels, pruning and managing peaches, and colony collapse disorder. The afternoon was spent at Rees Fruit Farm and Orchard with a tour and demonstrations on pruning peach trees and brambles. I spoke with several growers and the USDA risk management specialist during this event.

Kitty Crooks and Laurinda Ramonda met with Anastasia Becker (MO CAPS coordinator) and Sarah Phipps (MO Export Specialist). We traveled to the Missouri Department of Agriculture in Jefferson City, Missouri on November 20 and met with them that afternoon and returned on November 21. We spoke about differences and possible improvements in our programs. It was a very good meeting with beneficial information shared between us.

December 4-5 was our department's staff meeting. December 4th was CPR and first aid training and December 5th was our administrative meeting. Laurinda Ramonda and Jon Appel will be involved in updating the KS Bio-Security Response plan and Laurinda Ramonda and Glenn Salsbury will be updating an Emerald Ash Borer Action Plan.

On December 6, Laurinda Ramonda, Bill Scott, Glenn Salsbury and Jon Appel met with the Kansas Division of Forestry. Our meeting was for planning the multi-state Great Plains Initiative on the Emerald Ash Borer. Also we are planning on writing a work plan for the national Emerald Ash Borer Survey. Both of these grants will work together.

On December 11, Jon Appel and Laurinda Ramonda spoke on the phone regarding revisions that need to be made to the Kansas Plant Resource Bio-security plan. We will be scheduling meetings with the Kansas Department of Emergency Management (KDEM) to work on this plan. It mainly needs NIMS compliance updates, other agencies added into it and other plans besides diseases added. A meeting will be planned after the 1st of the year.

Minutes from CAPS Committee meeting on December 19, 2007

The state CAPS Committee met on December 19, 2007 at 1:00 pm at the Dean's Conference room, 137 Waters Hall at Kansas State University. In attendance were Erin Stiers, USDA-APHIS, Russ McKinney, USDA-APHIS, Craig Webb, USDA-APHIS, Doug Jardine, KSU Plant Pathology, Walter Fick, KSU Agronomy, Jon Appel, KDA, Megan Kennelly, KSU Plant Pathology, Glenn Salsbury, KDA, Sharon Dobesh, KSU-IPM Coordinator, Jeff Vogel, KDA, Bill Scott, KDA, Judy O'Mara, KSU Plant Pathology, and Laurinda Ramonda, CAPS coordinator.

Introductions were made and then the current surveys were discussed. The surveys are Cereal Crop Nematode to begin in April, Witch Weed was completed in August, Exotic Scarab Beetle was started with root ball surveys in October and will begin in March with new stock in nurseries, Emerald Ash Borer was done with outreach this summer and will continue this spring, and Karnal Bunt will begin when wheat harvest starts.

State specialists gave updates on their projects. Jeff Vogel talked about the Witch Weed survey and it encompassed 93 of the 105 Kansas counties of sorghum and corn. The results showed that all fields were negative of Witch Weed and the data was uploaded to NAPIS with their GPS readings.

Jon Appel talked about the plans for the Cereal Crop Nematode survey to begin when wheat breaks dormancy. The plan is to hire 2 temporary employees to survey fields in the western 1/3 of the state between March and May. Approximately 700 samples will be taken and GPS readings will be used for the locations. It was also mentioned that it would be a good idea to create a fact sheet for what we are looking for.

Glenn Salsbury talked about the fall root ball survey which yielded some chafers. This will continue in the spring when new stock starts to arrive at the live plant dealers. He also told about collecting 12 bundles of firewood from dealers to try to rear insects. Five of the bundles did have bark beetles emerge.

Erin Stiers told us that the federal government is still under a continuing resolution. She also explained that the survey proposals for the next Kansas fiscal year would be operating under the 2006 budget which was less than this year. Also changes in CAPS included writing only work plans instead of proposals and work plans. Work plans must include at least 75% of pests on the national pests of concern list and 25% of pests on the state pests of concern list. She also said that data from surveys are currently being entered in NAPIS and they might be trying to push to use ISIS for national data entry of results. Work plans will become public under the Federal Funding Accountability and Transparency Act of 2006. She informed us that committees are formed to work on what data needs to go into NAPIS.

Project proposals submitted for the Kansas fiscal year, July 1, 2008-June 30, 2009 will be the 2nd year survey for Cereal Cyst Nematode (middle 2/3 of the state) and Karnal Bunt. These were the only ones submitted because of the work plans going off of the 2006 budget.

Erin and Laurinda spoke about the upcoming Emerald Ash Borer Survey proposals. Forestry has a grant, the Great Plains Tree and Forest Invasives Initiative, to do outreach and inventory and we will be putting in a proposal for an Emerald Ash Borer Survey doing trapping this summer in areas where ash trees are prevalent.

We will be working on submitting our surveys on a calendar year basis for the 2009 survey year. The Core project will most likely stay on the Kansas fiscal year.

Questions arose about the Karnal Bunt survey and if we would ever stop doing it. It seems as though this will be a survey that will continue for many years because it is needed for exports and marketing.

Doug Jardine told us that Soybean Rust and Soybean Aphids were first found in sentinel plots this year. There were a total of 14 sites in 9 counties with approximately half of these being sentinel plots.

Discussion on what should be on the state pests of concern list. It was decided that Erin and Laurinda would look at what is on the surrounding states and regions lists. We would then come up with a set of criteria before deciding what should be on our list.

Emerald Ash Borer

Emerald Ash Borer literature was distributed and outreach provided by Marcy Irwin to the following:

October 1-5, 8-12, 15-19

- Agriculture Extension Offices in Johnson, Wyandotte, Shawnee, Miami, Saline, Chase, Dickinson, Geary, Harvey, Marion, McPherson, Jefferson, Morris, Reno and Wabaunsee counties.

- Regional Park and Wildlife Office in Topeka and Parks and Recreation Office at Lake Shawnee. Emerald Ash Borer damage identification was explained to the Park maintenance manager.
- Parks and Recreation office and Park Maintenance office in Salina.
- Parks and Wildlife office at Cheney Reservoir.

Starting in November, firewood labels were being screened by the Kansas Department of Agriculture inspectors for company names and addresses. We are updating a firewood vendor list that will be used for our own identification and also sent to Joel Bard, Acting ARD, USDA, APHIS, PPQ for reference purposes.

Exotic Scarab Beetle

The fall rootball survey of plant material coming into the state is complete. Rootballs will be checked again in the spring.

October 1-5

- EPIC Landscaping Productions, Gardner-Checked root balls on Black Hills Spruce (Michigan), Several Spruce (Michigan), Norway Spruce (Pennsylvania) and White Pine (Illinois)
- Lowes, Olathe-Checked root balls on White Pine (Oklahoma), Black Hills Spruce, Colorado Blue Spruce (Oregon), Arborvitae, Weeping Cherry, Red Oak, and Boxwood
- Sand Creek Nursery, Ottawa-Checked root balls on Aristocrat Pear (Oklahoma), Red Bud (Oklahoma) and Yew
- Davies Nursery, Emporia- Checked root balls on Pin Oak, Euonymus, Dwarf Burning Bush, Needlepoint Holly and Tulip Tree
- Lowes, Shawnee Mission Parkway-Norway Spruce (Michigan), Colorado Blue Spruce, Boxwood, Hinoki, False Cypress and Blue Spruce

October 8-12, 15-19

- Lowes, Topeka-Arborvitae (Emerald Beauty), Weeping Cherry, Colorado Blue Spruce, White Dogwood, Vander wolf Pine, Spartan Juniper, White Pine, Black Hills Spruce and Norway Spruce
- Lowes, Salina-Norway Spruce, Colorado Blue Spruce, Arborvitae
- Johnson's Nursery, Wichita-Spartan Juniper, Blue Spruce, Colorado Blue Spruce, Red Maple
- Hong's Nursery, Wichita-Various Junipers and Spruces
- John Deere Wholesale Nursery, Wichita-Arborvitae, Blue Spruce, White Pine, various Spruce
- Lowes, Wichita-Black Hills Spruce, Colorado Blue Spruce, Norway Spruce, White Pine

Witchweed Update

The witchweed survey concluded in August by surveying 293 sites in 93 Kansas counties. After the field survey was complete, site information was downloaded off the GPS/PDA, analyzed in Arc Map, and converted to NAPIS data format. Then, negative witchweed data was uploaded to NAPIS, including the latitude and longitude of each site location, finishing the survey.

PROJECTS ACCEPTED FOR FISCAL YEAR July 1, 2008-September 30, 2009:

Karnal Bunt-line item
Cereal Crop Nematode-2nd year of 3 year survey

Working on Grant Proposal for:

Emerald Ash Borer trapping survey

**CAPS
3rd Quarter Report
January, February, March 2008**

**Kansas Department of Agriculture
Cooperative Agreement 07-8453-0014-CA**

The effective dates for this cooperative agreement are July 1, 2007- June 30, 2008, Kansas fiscal year.

This report summarizes the activities conducted during the agreement's third quarter, January 1, 2008 through March 31, 2008. Each project is discussed separately below.

Infrastructure

The month of January was used for writing a draft emergency plan for Emerald Ash Borer. This was conducted by Glenn Salisbury and Laurinda Ramonda.

The Western Nursery Trade Show was held in Olathe, Kansas on January 6-8. The Kansas Department of Agriculture, Plant Protection and Weed Control had an educational booth. Bill Hilbert, Tom Sanders, Bill Scott and Laurinda Ramonda spoke with attendees and handed out materials on pests and weeds of concern to the nursery industry.

Laurinda Ramonda attended the Kansas Arborists Association Shade Tree Conference held on January 11 in Topeka. The talks attended were Managing Ancient & Historic Trees, Insect Pest update (mostly about Emerald Ash Borer), Nightmares on Oak Street (current/upcoming oak pests and problems), and Pesticide Regulations updates. I found it informative for myself and the arborists. It gave them some information on what to be looking for.

On January 14, 2008, Jon Appel, Bill Scott and Laurinda Ramonda met to discuss the Cereal Crop Nematode survey that will be started this spring. We discussed what we would need for the survey and how long it would be underway.

Laurinda Ramonda attended the Integrated Survey Information System (ISIS) training held in Ft. Collins, Colorado from January 28-February 1. This was a 3 day course on how to make survey templates, enter data and report data through the ISIS system. I found that this software has good potential but still has a way to go fix issues with the software. As long as this is not mandatory for survey data, we probably will only be putting results from surveys into NAPIS. I am going to try to have this software on a system to practice and see how useable it could be for the future.

The Topeka Flower and Garden show was held at the Topeka Expo Center on February 15-17 with 11,000 people attending. The Kansas Department of Agriculture had a booth containing information about pests and weeds. Bill Hilbert, Bill Scott, Tom Sanders, Kitty Crooks, Jon Appel and Laurinda Ramonda worked the booth and provided out reach to the attendees. Literature was picked up in the amount as follows:

Kansas Live Plant Dealer = 10
Fire Ants = 175
Gypsy Moth = 150
Invasive Weed Watch List = 127
Japanese Beetle = 25
Home Owners Guide: Jap. Beetle = 77

Africanized Honey Bee = 50
Giant Salvinia = 35
Hosta Virus X = 100
Invasive Pest Watch List = 113
Nursery Pest Watch List = 83
Pine Wilt vs. Pine Blight = 103

Do you have a Plant Virus? = 154
Sirex Woodwasp = 62
Asian Longhorn Beetle = 0
Emerald Ash Borer Info Sheet = 50
Emerald Ash Borer Green Menace = 34

Pine Wilt = 91
Sudden Oak Death = 25
Tospovirus = 33
Emerald Ash Borer Pest Alert = 100
Emerald Ash Borer guide cards = 5

The Pest Survey Special PSS 801-Session 2 Training was held at the Professional Development Center (PDC) in Frederick, Maryland from February 25-March 6, 2008. Laurinda Ramonda attended the State Survey Coordinator (SSC) training portion which coincided with the PSS training from February 28- March 4, 2008. The training entailed interviewing techniques and listening skills, survey theory and methods, planning next year's exotic pest detection activities and managing this year's exotic pest detection activities.

The networking with both PSS's and SSC's was invaluable. Many great ideas were shared to use in their states. Also the techniques learned will be helpful with our surveys, trapping and outreach.

The Wichita Garden Show was held from March 5-9, 2008 in Wichita Kansas. Several Kansas Department of Agriculture staff answered questions and concerns of attendees. Outreach materials were picked up in the amount as follows:

Kansas Live Plant Dealer = 50
Fire Ants = 92
Gypsy Moth = 25
Invasive Weed Watch List = 121
Japanese Beetle = 29
Home Owners Guide: Jap. Beetle = 74
Do you have a Plant Virus? = 204
Sirex Woodwasp = 57
Asian Longhorn Beetle = 51
Emerald Ash Borer Info Sheet = 5
Emerald Ash Borer Green Menace = 39
Khapra Beetle = 10
Japanese Beetle card = 50

Africanized Honey Bee = 50
Giant Salvinia = 35
Hosta Virus X = 250
Invasive Pest Watch List = 149
Nursery Pest Watch List = 135
Pine Wilt vs. Pine Blight = 250
Pine Wilt = 200
Sudden Oak Death = 48
Tospovirus = 20
Emerald Ash Borer Pest Alert = 100
Emerald Ash Borer guide cards = 28
Giant African Snail card = 36
Emerald Ash Borer tattoos = 200

The 84th annual Central Plant Board Meeting was held in Madison, Wisconsin from March 10-13, 2008 and was attended by Laurinda Ramonda and Bill Scott. After the regular meeting on March 10 there was a question and answer session held for the national emerald ash borer survey which Kansas is apart of. For the first time at the Central Plant Board meeting break out sessions were held for State Survey Coordinators (SSC) and Pest Survey Specialists (PSS) on the afternoon of March 12 and late morning until lunch on March 13. This went well but we decided we would need more time in the future. There were several talks that dealt with CAPS surveys, information on CAPS and a NAPIS update



March 25, 2008: Ash Peeling at Indian Cave State Park in Nebraska.

Kay Kromm (SSC in Nebraska) invited us to come up and learn to peel bark from ash trees. Due to the ice storm this past winter, the park had several fallen ash trees. This made a great learning experience for all. She showed us how to girdle a tree, peel bark and check for insects. We did find



some larvae so we will be interested in seeing what we found.

We did the training to be prepared for an Emerald Ash Borer find in Kansas. This also made a great interstate exercise.

In attendance was Kay Kromm-SSC Nebraska, Vicki Wohlers-SPHD USDA-APHIS-Nebraska, Erin Stiers-PPS Kansas, Laurinda Ramonda, Bill Scott, Bob Buhler, Terry Clarkson, Cherie Copeland, Tom Sanders, Glenn Salisbury, the park director and 2 park personnel.

Cereal Crop Nematode Survey

This survey is now underway. The week of March 17 the southwestern part of the state began and the week of March 24 the Northwest part of the state was started. The 700 soil samples are being taken from wheat fields by 2 temporary staff employees. The survey sampling should be completed in mid May.

Exotic Beetle Scarab Survey

Several box stores have started to get trees for spring planting. It is time to start checking rootballs. Bill Hilbert checked a Home Depot and the soil seemed to be clean. We will begin full time checking of rootballs with temporary help starting in April.

GRUBS: So far none have been found in nursery stock rootballs sampled from out of state sources per Glenn Salisbury, state entomologist.

CAPS 4th Quarter Report April, May, June 2008

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Infrastructure

The month of April has been used to find locations the Exotic Beetle Scarab Survey and the upcoming Emerald Ash Borer National Survey.

During the month of May, 100 Emerald Ash Borer traps were set by the Kansas Department of Agriculture staff and one temporary employee.

On May 19-23, Bill Scott and I went to a plant health exercise at the Oklahoma State University in Stillwater, Oklahoma. It was sponsored by the Oklahoma Office of Homeland Security and hosted by the National

Institute for Microbial Forensics & Food and Agricultural Biosecurity (NIMFFAB). This was a course on training for success during a plant health response. It was very informative and productive. We even got to see there emergency trailer and do an outdoor field exercise.

During the month of June Emerald Ash Borer traps were finished being set and began to be checked and lure changed. Karnal Bunt sampling started the week of May 16 and will continue until 373 samples are taken.

Minutes from CAPS Committee meeting on June 10, 2008

The State CAPS Committee met on June 10, 2008 at 1:00 pm at the Dean's Conference room, 137 Waters Hall at Kansas State University. In attendance were Bill Scott - KDA, Katie Howard - KDA, Tim McDonnell - KFS, Sharon Dobesh - KSU, entomology, Walter Fick - KSU agronomy, Holly Davis - KSU insect diagnostician, Tim Todd - KSU plant pathology, Jon Appel - KDA, Megan Kennelly - KSU plant pathology, Jeff Vogel - KDA, Erick DeWolf - KSU plant pathology, Judy O'Mara - KSU plant pathology, Erin Stiers - USDA-APHIS, Doug Jardine - plant pathology, and Laurinda Ramonda - CAPS coordinator.

Introductions were made and then the current surveys were discussed. Exotic Scarab Beetle Survey will be done at the end of June. This survey has found pests that required the stop sale of some trees. The pests found so far are weevils, oriental beetle, wire worm larvae, and termites. Also found were Canada Thistle.

The Karnal Bunt survey will begin as soon as harvests start. Possibly the week of June 16, weather permitting. We have issues with the co-ops in Wallace, Rush and Ness counties. They won't allow our staff to take samples. If we are unable to find other co-ops in the county to take samples from, those counties might have an effect on the rest of the state for the export of wheat.

Cereal Crop Nematode field sampling was finished in May. Problems found when soil sampling were if the soils were too wet or dry. Also sampling should be done before wheat heading occurs. Root samples are done and endemic nematodes were found. The soil samples are 40% finished. Tim Todd said a 2% yield loss due to nematodes in the western part of Kansas on a yearly basis.

Tim Todd's findings so far:

Nematode Prevalence in KS Wheat Samples: CAPS Program, 2008*		
Nematode	Prevalence (%)	Avg. density (max) #/100 cm ³
soil		
<i>Merlinius brevidens</i>	82	47 (600)
<i>Quinisucius acutus</i> – Stunt Nematodes		
<i>Pratylenchus neglectus</i> – Lesion Nematodes	78	26 (264)
<i>Paratylenchus projectus</i> – Pin Nematodes	28	51 (740)

State Specialists gave updates on surveys. Jon Appel talked about the Cereal Crop Nematode survey. There were 703 samples taken in 27 counties in the western 1/3 of the state. The root samples are completed and the soil samples are 40% complete.

Jeff Vogel spoke about the biological control surveys he is doing. They include Tamarisk and Leafy Spurge. He also showed us the new PDA's with GPS that will be used for a data collection tool and for ARC pad.

Erin Stiers spoke about the directions and changes of the CAPS surveys. The surveys are heading to more commodity based surveys. The money for surveys will be the same for new proposed surveys as they are now.

Approved surveys for Fiscal year 2009, July 1, 2008-June 30, 2009 are Karnal Bunt (line item survey), and the 2nd year (central 1/3 of Kansas) for Cereal Crop Nematode. We also are involved in 2 national surveys. The Emerald Ash Borer survey is shared with USDA, each agency has put up 100 traps each. KDA started putting traps up in May and will be done setting them in June. These traps will be up through August.

The Light Brown Apple Moth national survey work plan was submitted this week. This will require KDA to put up 50 traps in nurseries (receiving stock from California), ornamental gardens and possibly some orchard/vineyards. Traps will be set in July and be checked every 1-2 weeks for 3 months.

Tim McDonnell spoke of the Great Plains Tree and Forest Invasives Initiative. The Kansas Forestry Service is in the process of doing tree inventories including ash trees for the Emerald Ash Borer Survey. He also told us about the 900 EAB Awareness Packets being sent out.

A priority chart for pests of state concern Adapted from the CAPS Analytic Hierarchy Process Prioritization Model was handed out. This will be used to rank our pests of state concern. This will be filled out and pests added by Jon Appel, Sharon Dobesh, Tim Todd, Eric DeWolf, Judy O'Mara, Jeff Vogel and Glenn Salsbury and returned to Laurinda Ramonda before July 15. The categories on the list are:

Establishment Potential (20%)		Proliferation and Spread (25%)		Economic Impact (45%)			Non-economic Impact (10%)	
Ease of survival of adverse conditions (5%)	Host range (15%)	Reproductive Potential (17.5%)	History of Invasiveness (7.5%)	Foreign trade (20.25%)	Domestic trade (20.25%)	Public Costs (4.5%)	Eco-system (8.5%)	Non-commercial Value plants (1.5%)
1.0 - Very great ease	1.0 - Very high degree	1.0 - Extremely high	1.0 - known pest elsewhere in the world AND part of a taxonomic group which includes other invasive species in the US	1.0 - Would reduce access to export markets AND value of exports	1.0 - would adversely affect producer revenues/interstate commerce AND have significant economic impacts on processors and consumers	1.0 - Extremely high	1.0 - Very high degree	1.0 - Extremely high
0.8 - Great ease	0.8 - High degree	0.8 - High	0.7 - Either of the above	0.7 - Either of the above	0.7 - Either of the above	0.8 - High	0.8 - High degree	0.8 - High
0.5 - Moderate ease	0.5 - Moderate degree	0.5 - Moderate	0 - Neither of the above	0 - neither of the above	0 - Neither of the above	0.5 - Moderate	0.5 - Moderate degree	0.5 - Moderate
0.3 - Some ease	0.3 - Some degree	0.3 - Low				0.3 - Low	0.3 - Some degree	0.3 - Low
0 - Difficult	0 - Not at all	0 - Extremely low				0 - Extremely Low	0 - Not at all	0 - Extremely low
Ability to survive without host or water	Does it have a wide host / habitat range?					Costs of state regulatory programs	Affect on plant or animal species in native ecosystem	Public trees, wildflowers, T&E species

Surveys as of 2009 will be written and done on a calendar year instead of a fiscal year basis. The Core proposal which is now called Infrastructure will still be on a fiscal year. The 3rd year for the Cereal Crop Nematode survey will not be submitted until the summer of 2009 for the survey to begin in 2010. The survey takes place in the spring so the 2nd year is already approved for 2009.

New project proposals were discussed. Megan Kennelly had e-mailed us information on the Thousand Cankers Disease of Black Walnut (Walnut Decline). Yellow sticky cards are used to capture the Walnut Twig Beetle which can carry the fungus which causes this disease. Kansas walnut trees could be susceptible to this disease.

Cereal wheat viruses, Bacterial Scorch, and UG 99 were discussed. Also Biological controls for weeds were brought up because money can come from line items instead of pest detection.

Doug Jardine talked about Soybean Rust, Soybean Cyst Nematode project and Southern Rust in corn.

A new location for the meetings was discussed because of the \$4 parking fee starting July 1 on the KSU campus. Suggestions were the International Grain Marketing and Forestry. The fee will only affect a few people so the determination will be at a later date.

Cereal Crop Nematode Survey

Results are pending. See CAPS Committee minutes above for information.

Exotic Scarab Beetle Survey

The spring rootball survey started on April 7, 2008. Temporary staff Marcy Irwin was hired for this. She did the fall survey also.

April 7

Lawrence

- Clinton Parkway Nursery- 4 rootballs checked, Coylus contorta, Vander wolf Pine, Acer palmatum, Syringa Meyeri checked from Bountiful Nursery, Oregon.
- West Lake Hardware- 4 rootballs checked, Vander wolf Pine and 3 Bing Cherry from Tri-B, Oklahoma. No pests found.

Lenexa

- Family Tree Nursery-3 rootballs checked, River Birch, Spring Grove Arborvitae, Canaerti Juniper, from Illinois. 6 rootballs, Cornus Kousa, Cornus Florida Rubra, Cornus Alternifolia, Bald Cypress, Prunus Cerasifera, Crabapple "Lollipop", from Oregon. No pests found.

April 8

Manhattan

- Home Depot-3 containers checked, Rynyon Yew, Hicks Yew, Pyramid Yew from Tennessee. 4 rootballs, Norway Spruce, White Pine, Forsythia, Burning Bush, from unknown source. 2 rootballs checked, Spartan Juniper, Colorado Blue Spruce from Oklahoma. No pests found.
- Big K-9 container stock with mixed medium checked, 3 River Birch (grubs found but were native), Natali Oak, Magnolia, Peach, Burning Bush, Andora Juniper, Japanese Boxwood from Green Valley Growers, Texas. Pests found were native.
- Flint Hills Wholesale Landscaping-9 rootballs checked, Autumn Blaze Maple, Prairie Fire Crabapple, Shumard Oak (termite found, from Sander's Nursery in Oklahoma), Northern Red Oak, Pin Oak, Autumn Purple Ash, Cleveland Select Pear, October Glory Maple, Heritage Birch from unknown source.

April 9

Baldwin City

- Vineland Valley-6 rootballs checked, 2 Junipers (grubs found but were native), Pinus cembra, Yellowwood (Cladrastis Kentuckea), Red Bud, Purple Leaf Sand Cherry some from Oregon, most were unknown sources.
- Home Depot-4 containers with soil checked, Runyan Yew, Hicks Yew, Pyramid Yew, Densiformis Gem Yew from Smithville, Tennessee. 7 rootballs, Blue Spruce, Norway Spruce, Forsythia, Peach, Apple, from Oregon. No pests found.

April 10

Olathe

- Grass Pad-2 rootballs checked, Pyramid Yew, Norway Spruce, from Illinois. 2 rootballs, Vander wolf Pine, Dwarf Serbian Spruce from Oregon. 7 rootballs, Magnolia, Ivory Silk Japanese Tree Lilac, "Jane" Magnolia, Spring Snow Crabapple, Canada Red Crabapple, River Birch, Cerus Canadensis (White Bud), from Tennessee. No pests were found.
- West Lake Hardware-4 rootballs checked, Columnar Blue Spruce, Vander wolf Pine, Pom Pom Scotch Pine, Blue Atlas Cedar, from unknown source. No specimens found.
- Lowes-3 rootballs checked, Emerald Arborvitae from Oregon. 2 rootballs, Vander wolf Pine, Yew Densiformis, from Tri-B, Oklahoma. No pests found.

April 11

Kansas City

- Big K-4-containers with mixed medium checked, Juniper Chinensis "Sea Green", Phitzer Juniper, Dwarf Alberta Spruce, Colorado Blue Spruce. No specimens found.
- Leavenworth-Lansing Garden-10 rootballs checked, Red Maple, Autumn Purple Ash, River Birch, Patamore Ash, Red Bud, Austrian Pine, Spartan Juniper, Yew (no variety seen), Yew taxis media, Acer palmatum, from unknown source. No pests found.

April 14

Overland Park

- Gablers-8 rootballs checked, 2 Boxwood (Winter Beauty & Green Velvet), 2 Yew (Densiformis & Hicks), Ilex Meserveae (Blue Princess Holly), Rhododendron, Columnar Juniper, Picea pungens from Pennsylvania. 3 rootballs, Colorado Baby Blue Spruce, 2 Norway Spruce (small grub found but was native) from Oregon.
- Home Depot-5 rootballs checked, Yew Densiformis, Yew Hicks, Yew Pyramid, Yew Runyan, Yew Dark Green Spreader from Smithville, Tennessee. 3 rootballs, Emerald Green Arborvitae, White Pine, Picea pungens from Oregon. 2 rootballs Forsythia, Euonymus (Burning Bush) from unknown sources. No pests found.

April 15

Olathe

- Home Depot-1 rootball checked, Norway Spruce from Hopewell, New Jersey. 4 rootballs, Emerald Green Arborvitae, Green Giant Arborvitae, Moon Glow Juniper, Austrian Black Pine from Oregon. 3 rootballs, Yew Densiformis, Yew Pyramid Dark Green, Yew Runyan from Smithville, Tennessee. 2 rootballs, Forsythia, Burning Bush Euonymus from unknown sources. No pests found.

Overland Park

- Suburban-14 rootballs checked, Japanese Sango Kaku Maple, Japanese Bloodgood Maple, Dwarf Blue Globe Spruce, Concolor Fir, 2 Capitata Yew, Hicks Yew, Irish Yew, Fairview Yew, Boulevard Cypress, 2 Emerald Green Arborvitae, 2 Cannaerti Juniper from unknown sources. No pests found.

April 16

Seneca

- Pamida-5 rootballs checked, Royalty Crabapple, Autumn Blaze Maple, Babilonica Willow, Cleveland Select Pear, Leylandi Cypress from Tri-B, Oklahoma. 4 rootballs, Green Emerald Arborvitae, Little Giant Arborvitae, Colorado Blue Spruce, Forsythia from Park Hill, Oklahoma. No pests found.

April 17

Ottawa

- Orscheln-5 rootballs checked, Autumn Blaze Maple, 2 Crabapple, Emerald Green Arborvitae, Colorado Blue Spruce from Park Hill, Oklahoma.
- Sand Creek Nursery-2 rootballs, Colorado Blue Spruce, Austrian Pine from Oklahoma. 6 rootballs, 2 Prairie Fire Crabapple, 3 Autumn Blaze Maple, Sunrise Maple from unknown sources. No pests found.

Lawrence

- Westlake Hardware-6 rootballs checked, 3 Vander wolf Pine, 2 Bosnian Pine, Fat Albert Spruce from unknown sources. No pests found.

April 18

Gardner

- Walmart-9 rootballs checked, Burning Bush Euonymus, Emerald & Gold Euonymus, Emerald Gaity Euonymus, Austrian Pine, Mugo Pine, Amur Maple,

Crabapple, Lynwood Gold Forsythia, Hicks Yew from unknown sources. No pests found.

Olathe

- Walmart-7 rootballs checked, Yew Densifloris, Hicks Yew, Burning Bush Euonymus, Emerald & Gold Euonymus, Crabapple, Mugo Pine, Green Emerald Arborvitae from unknown sources. No pests found.

April 21

Sabetha

- Alco Discount Store-6 rootballs checked, Willow, Crabapple, Autumn Blaze Maple, Juniper chinensis 'gold', Yew, Dwarf Alberta Spruce. No pests found.
- Rolling Hills Nursery-10 rootballs checked, 2 Aristocrat Pear, 2 Crabapple, 2 Magnolia, Burgandy Bell Maple, October Glory Maple, Vander wolf Pine, Autrian Pine. No pests found.
- Grimm's Garden-10 rootballs checked, Mugo Pine 'Dwarf', Dwarf Alberta Spruce, Baby Blue Eye Spruce, Prairie Fire Crabapple, Vanguard Elm, Royal Red Maple, Gingko, Norwegian Sunset Maple, Swamp White Oak, Autumn Blaze Maple. 2 Flying Beetles found.

April 22

Atchison

- Orscheln's-4 rootballs checked, Crabapple Cleveland Select Pear, Emerald Green Arborvitae, Austrian Pine. No pests found.
- Walmart-5 rootballs checked, Dwarf Colorado Blue Spruce, Hetz Midget Arborvitae, Hicks Yew, Euonymus Burning Bush, Euonymus Emerald & Gold. No pests found.
- K & L Garden Center-6 rootballs checked, Yew Densifloris, Red Sunset Maple, Crabapple, Western Arborvitae, Dwarf Alberta Spruce, White Pine. No pests found.

Edgerton

- Suburban Landscaping-20 rootballs checked, Pink Princess Crabapple, 2 Royal Frost Birch, 3 river Clump Birch, White Spire Birch, Autumn Purple Ash, Red Sunset Maple, Chanticleer Pear, Aristocrat Pear, 2 White Bud, Red Bud, Cherry, Newport Plum, 5 Crabapple. No pests found.

Spring Hill

- Farmers Union-4 rootballs checked, White Pine, Blue Spruce, Lilac, Arborvitae. No pests found.

April 24

Overland Park

- Walmart-9 rootballs checked, Crabapple, Wintergreen Boxwood, Euonymus Burning Bush, Japanese Maple, Autumn Blaze Maple, Pink Dogwood, Dwarf

Alberta Spruce, Colorado Blue Spruce, Euonymus Emerald & Gold, Euonymus Emerald Gaity. No pests found.

April 25

Olathe

- Home Depot-13 rootballs checked, Yew Hicks, Yew Dark Spreader, Yew Pyramidal, Euonymus Burning Bush, Emerald Green Arborvitae, 4 White Pine (grubs found), 4 Norway Spruce from Hopewell Nursery, New Jersey (grub found). Identification of grubs by Glenn Salsbury, State Entomologist, on April 29 as Oriental Beetle from Norway Spruce and Weevil larvae and wire worm larvae from White Pine.
- Westlake Ace Hardware-Rechecked 4 rootballs, 2 Vander wolf Pine, 2 large Arborvitae. Checked 3 rootballs, Siberian Pea Shrub, Satomi Dogwood, Weeping Cherry. No pests found.

Overland Park

- Home Depot-15 rootballs checked, 3 White Pine, 4 Norway Spruce from Hopewell Nursery, New Jersey (grubs found), Pear, Apple, 3 Euonymus Burning Bush, Emerald Green Arborvitae from Oregon, 2 Emerald Green Arborvitae from Hopewell Nursery, New Jersey, Moonglow Juniper. Identification of grubs by Glenn Salsbury, State Entomologist, on April 29 as Asiatic Garden Beetle and Oriental Garden Beetle from Norway Spruce.

April 28

Lawrence

- Westlake Hardware #65-4 rootballs checked, 2 out of 10 Vander wolf Pine, Colorado Blue Spruce, Blue Atlas Cedar. No pests found.
- Westlake Hardware #14-4 rootballs checked, Vander wolf Pine from Oregon, Vander wolf Pine from Oklahoma, Fat Albert Spruce, Weeping Cherry. No pests found.
- Home Depot-10 rootballs checked, 5 Green Giant Arborvitae, Small Arborvitae, 4 out of 6 Norway Spruce (1 grub found). Identification of grub by Glenn Salsbury, State Entomologist, on April 29 as Oriental Garden Beetle from Norway Spruce.

Topeka

- Home Depot-6 rootballs checked, 4 out of 10 large White Pine, 2 out of 2 Norway Spruce. No pests found.

April 29

Pittsburg

- Home Depot-8 rootballs checked, 4 Emerald Green Arborvitae, Standard Globe Spruce, Dwarf Globe Blue Spruce, Bakers Blue Spruce, Austrian Pine. No pests found.

Opolis

- MJ Landscaping-11 rootballs checked, 2 Austrian Pine, Blue Spruce, Cleveland Select Pear, Colorado Blue Spruce, Bur Oak, Snowcloud Serviceberry, 3 Admiral Juniper, Clump Dogwood. No pests found.

April 30

Pittsburg

- In The Garden-12 rootballs checked, Blue Atlas Cedar, 2 Weeping Cedar, Sander's Blue Spruce, Emerald Green Arborvitae, Spartan Juniper, Vander wolf Pine, Colorado Blue Spruce, Japanese Maple (5'), Japanese Maple (30"), Globe Willow, Red Bud, Cleveland Select Pear. No pests found.

May 1

Topeka

- Skinners Nursery-14 rootballs checked, Red Sunset Maple, Shantung Maple, Jane Magnolia, Clumps Redbud, River Birch, Prairie fire Crabapple, Cedar of Lebanon, Eastern White Pine, Norway Spruce, Austrian Spruce, 2 Pyramidal White Pine (weevil larvae found, from Oregon), Persian Parrotia, Purple leaf Catalpa.
- K-Mart-6 rootballs checked, Shumard Red Oak, Purple Robe Locust, Apricot, Crabapple, Bradford Pear, Cleveland Select Pear. No pests found.
- Lowe's-10 rootballs checked, Blue Atlas Spruce, Vander wolf Pine, 3 Emerald Green Arborvitae, 0.75 gallon Emerald Green Arborvitae, 2.25 gallon Emerald Green Arborvitae (weevil larvae found, from Tri-B Nursery in Oklahoma), Globe Yew, October Glory Maple, Urbanite Ash.

May 5

Stilwell

- Grasspad Nursery-17 rootballs checked, Blue Arrow Juniper, Blue Spruce, Vander wolf Pine, Fat Albert Blue Spruce, Blue Atlas Cedar, White Spire Birch, River Birch, Norway Spruce, White Ash, 2 Red Bud, Autumn Blaze Maple, Cherokee Chief Dogwood, Columnar Hornbeam, Japanese Tree Lilac, Vesuvius Plum. No pests found.
- H & R Lawn and Landscaping-10 rootballs checked, Ginkgo, London Planetree, 2 Autumn Blaze Maple, Birch, Washington Hawthorne, Red Bud, Pear, Sugar Maple, Austrian Pine. No pests found.

May 6

Paola

- Emerald Prairie Nursery-7 rootballs checked, 3 Colorado Blue Spruce (weevil and scarab prepupae found), 2 Concolor Fir, 2 Black Hills Spruce.

Louisburg

- Louisburg Nursery-7 rootballs checked, October Glory Maple, Autumn Blaze Maple, Honey Locust, Burr Oak, Shumard Oak, Autumn Purple Ash, Crabapple. No pests found.

May 8

Gardner

- Flower Farm-11 rootballs checked, Pee Gee Hydrangea, Red Bud, Lilac, Burning Bush Euonymus, River Birch, Spring Snow Crabapple, Prairie Fire Crabapple, 2 Oak, Wigelia, Autumn Blaze Maple. No pests found.

Olathe

- Curby's Lawn and Garden-14 rootballs checked, Ames Juniper, Emerald Green Arborvitae, 2 Burning Bush Euonymus, Red Sunset Maple, Sweetgum, Betula Nigra, Vander wolf Pine, Norway Spruce, 2 Serbian Spruce (grubs found), Colorado Blue Spruce, Yew Densiformis, Yew Capitata.

May 9

Shawnee

- Lowes-8 rootballs checked, Black Cherry, Bradford Pear, 2 Blue Atlas Cedar, Blue Spruce, Fat Albert Blue Spruce, Yew Densiformis, Dogwood.
- Home Depot-15 rootballs checked. 2 Norway Spruce in containers, 2 Norway Spruce (grubs found), 3 Colorado Blue Spruce (grubs found), Hicks Yew, Densiformis Yew, Brownii Yew, Pyramid Yew, Japanese Maple, Pine, Emerald Green Arborvitae.

May 12

Topeka

- Blackburn's Nursery-5 rootballs checked, 2 Colorado Spruce, 3 Arborvitae. No pests found.
- Orscheln's-7 rootballs checked, Bradford Pear, Cleveland Select Pear, Hetz Columnar Juniper, 3' Emerald Green Arborvitae, 4' Emerald Green Arborvitae, Hetz Midget Juniper, Austrian Pine. No pests found.

May 13

Burlington

- Pamida-8 rootballs checked, Willow, Lambert Cherry, Ash, 2' Blue Spruce, 3' Blue Spruce, Austrian Pine, 2' Emerald Green Arborvitae, 3' Emerald Green Arborvitae. No pests found.

May 15

Iola

- Barnett Landscaping-7 rootballs checked, Shantung Maple, Red Sunset Maple, Northern Red Oak, Pear, Juniper, Dwarf Cherry, River Birch. No pests found.

May 16

Lawrence

- Sunrise Gardens-12 rootballs checked, Zumi Crabapple, Weeping Cherry, Donald Wyman Crabapple, Burgandy Belle Maple, Weeping Blue Atlas Cedar, Tiered Blue Moonglow Juniper, Emerald Green Arborvitae, Contorted Filbert, Fat Albert

Blue Spruce, Fire Glow Japanese Maple, Celestial Dogwood, Blue Point Juniper.
No pests found.

- Earl May-6 rootballs checked, Colorado Blue Spruce, Colorado Blue Spruce Select, Hoopi Colorado Blue Spruce, 4' Emerald Green Arborvitae, Japanese Maple, White Pine. No pests found.

May 19

Wichita

- Sutherlands-6 rootballs checked, Ranier Cherry, Willow Oak, Post Oak, Northern Red Oak, Austrian Pine, Sugar Maple. No pests found.

May 20

Wichita

- Lowes-7 rootballs checked, Vander wolf Pine, Little Gem Spruce, Blue Atlas Cedar, Deodora Cedar Buffalo Juniper, Norway Spruce, Austrian Black Pine. No pests found.
- Westlake Hardware-10 rootballs checked, Weeping Arctic Willow, Columnar Hornbeam, Weeping Young's Birch, Coralburst Crabapple, Santa Rosa Plum, Bloodgood Japanese Maple, Norway Spruce, Colorado Blue Spruce, Globe Blue Spruce, Weeping White Pine. No pests found.

May 21

Wichita

- John Deere-19 rootballs checked, Autumn Blaze Maple, Pataki Sunset Maple, 2 Prairie Fire Crabapple, Red Sunset Maple, 2 Austrian Black Pine, 2 Strobiformis Pine, Bald Cypress, Elm Chioresse, Oklahoma Redbud, English Oak, 2 Red Cedar, Emerald Green Arborvitae, Karl Fuchs Cedar, Blue Select Spruce, Norway Spruce. No pests found.

May 23

Emporia

- Blue Stem Farm & Ranch-5 rootballs checked, Hicks Yew, Brownii Yew, Norway Spruce, Serbian Spruce, Dark Green Arborvitae. No pests found.
- Davies Nursery-7 rootballs checked, Patmore Ash, Golden Globe Ginkgo, Sunburst Honey locust, Aristocrat Pear, Austrian Pine, Pin Oak, Emerald Arborvitae. No pests found.

May 28

Iola

- Orscheln-10 rootballs checked, Austrian Pine, Hetz Midget Arborvitae, Little Giant Arborvitae, 3' Emerald Green Arborvitae, 5' Emerald Green Arborvitae, Cleveland Select Pear, Pin Oak, Lynwood Gold Forsythia, Sunburst Honeysuckle, Columnar Juniper. No pests found.

May 29

Leavenworth

- Jerry's Nursery-13 rootballs checked, 2 Red Sunset Maple, Red Bud, Arborvitae, Birch, Ginkgo, Autumn Blaze Maple, Swamp White Oak, Aristocrat Pear, Colorado Blue Spruce, Norway Spruce, Japanese Maple (viridis), Burgandy Lace Japanese Maple. No pests found.
- Home Depot-15 rootballs checked, 2 Green Giant Arborvitae, 6' Green Giant Arborvitae, 3 Colorado Blue Spruce (B&B in containers), Columnar Blue Spruce, Blue Star Juniper, Weeping Norway Spruce (grubs found in 2 out of 3), Boxwood, Pom Pom Scotch Pine, Hicks Yew, Dark Green Spreader Yew, Densiformis Yew.

May 30

Merriam

- Home Depot #2202-19 rootballs checked, Densiformis Yew, Hicks Yew, Brownii Yew, Dark Green Spreader Yew, 7' Green Giant Arborvitae, Coral Bark Japanese Maple, Emperor One Japanese Maple, Bloodgood Japanese Maple, Percy Wiseman Rhododendron, The General Rhododendron, Choinides Rhododendron, 5' and 6' Emerald Green Arborvitae, 6' Norway Spruce, 3 Colorado Blue Spruce (B&B, grub found in 1 out of 3), Columnar Blue Spruce, Dwarf Blue Leaf Arctic Willow, Austrian Pine, Standard Globe Spruce.

Roeland Park

- Lowes #2588-6 rootballs checked, Cleveland Select Pear, Weeping Cherry, Chinese Wisteria, Dwarf Alberta Spruce, Emerald Green Arborvitae, Red Sunset Maple. No pests found.

June 3

Prairie Village

- Westlake Ace Hardware-10 rootballs checked, Spiral Dwarf Alberta Spruce, Russian Cypress, Crimson Cascade Weeping Peach, Norway Spruce, Colorado Blue Spruce, Pink Diamond Hydrangea, Lace Leaf Japanese Maple, Weeping Norway Spruce, Weeping White Pine, Autumn Gold Ginkgo. No pests found.

Overland Park

- Home Depot #2203- 14 rootballs checked, Nellie Stevens Holly, Spartan Juniper, Purple Pendula Willow, Coral Bark Crabapple, Compact White Crabapple, Austrian Pine, Bloodgood Japanese Maple, Tamukeyama Japanese Maple, Coral Bark Japanese Maple, Norway Spruce (b&b 5-6'), 2 Colorado Blue Spruce (b&b 5-6' (found 2 unknown grubs in one), Emerald Green Arborvitae (5').
- Westlake Ace Hardware #63-11 rootballs checked, Autumn Gold Ginkgo, Eastern White Pine, Arborvitae (4' & 8'), Weeping Willow, Weeping Arctic Willow, Santa Rosa Plum, Pioneer Nectarine, Norway Spruce, Chinese Dogwood, Japanese Maple. No pests found.

June 4

Overland Park

- Mission Gardens Nursery–15 rootballs checked, Red Sunset Maple, October Glory Maple, River Birch, Clump River Birch, Norway Spruce, Colorado Blue Spruce, White Pine, Emerald Green Arborvitae, Green Mountain Boxwood, Vander wolf Pine, Coral Burst Crabapple, Dwarf Globe Blue Spruce, Crimson Queen Japanese Maple, Bloodgood Japanese Maple, Chinese Dogwood. No pests found.
- Westlake Ace Hardware #68–6 rootballs checked, Norway Spruce, Colorado Blue Spruce, Chinese Dogwood, Emerald Green Arborvitae, Weeping Cherry, Ginkgo. No pests found.

Lenexa

- Westlake Ace Hardware #45–10 rootballs checked, Emerald Green Arborvitae, Colorado Blue Spruce, Globe Blue Spruce, Weeping White Pine, Eastern White Pine, Weeping Norway Spruce, Satomi Dogwood, Columnar Hornbeam, Ginkgo, Japanese Maple. No pests found.

June 5

Gardner

- Epic Landscape Productions–17 rootballs checked, 3 Serbian Spruce (8'), Colorado Blue Spruce, Spartan Juniper, 2 Austrian Pine (6'), 2- 10' & 2- 8' Norway Spruce, Prairiefire Crabapple, Red Oak, Kousa Dogwood, Red Cedar, Arborvitae, Burning Bush Euonymus. No pests found.

Olathe

- Lowes of Olathe #721–5 rootballs checked, Suminagashi Japanese Maple, Bloodgood Japanese Maple, Colorado Blue Spruce, Weeping Norway Spruce, Tonyosho Pine. No pests found.

June 6

Junction City

- Rothwell Landscape–14 rootballs checked, Capital Pear, Pine (species unknown), Twisty Baby Locust, Whitebud Red Bud, Witch Hazel, Juniper (species unknown), Colorado Blue Spruce, Columnar Blue Spruce, Norway Spruce, Northern Red Oak, Blue Atlas Cedar, Globe Blue Spruce, Arborvitae (species unknown), Canada Red Chokeberry, Patmore Ash. No pests found.

Manhattan

- Home Depot #2217–8 rootballs checked, Norway Spruce (4' in container), Austrian Pine (4' in container), Euonymus Burning Bush, Emerald Green Arborvitae, Colorado Blue Spruce, Rhododendron Cunningham's White, Rhododendron Nova Zembla, The General Rhododendron. No pests found.

June 9

Minneapolis

- Battle Creek Nursery-10 rootballs checked, June Snow Dogwood, Mt. St. Helen's Purpleleaf Plum, Dwarf Alberta Spruce, Pine (unknown species), Pine Vander wolf, Bosnian Red Cone Pine, Bald Cypress, Truncatum Maple, Northern Red Oak, Autumn Fantasy Maple. No pests found.

Salina

- Waters True Value Hardware/Earthcare Services-7 rootballs checked, Aristocrat Pear, Prairiefire Crabapple, Austrian Pine, Vander wolf Pine, Brown Beauty Magnolia, Autumn Gold Ginkgo, Weeping Willow. No pests found.

June 11

Lenexa

- Instant Shade/Kokopelli Nursery-20 rootballs, 3 -5' Colorado Blue Spruce, 2 White Pine, 2 -10' & 1 -8' Arborvitae, 5' Capitata Yew, 2 -12' & 1 -5' red Cedar Juniper, Fairview Yew, Hicks Yew, Cherokee Pride Dogwood, Sweetbay Magnolia, Arborvitae Degroots Spire, Black Hills Spruce, Vander wolf Pine, Red Sunset Maple. No pests found.

June 13

Olathe

- Loma Vista Nursery-18 rootballs, 2 -10', 1 -15', 1 -6' Norway Spruce, Austrian Pine, 2 -6' Colorado Blue Spruce, 2 -8' Arborvitae, Crabapple Donald Wyman, Sargent Crabapple, Prairie Fire Crabapple, Red Oak, Macrocarpa Oak, Red Sunset Oak, Cleveland Select Pear, 2 6' White Pine, Honey Locust. No pests found.

Listed below are records that have been submitted to NAPIS

Pest: KARNAL BUNT Summer 2007

	Positive	Negative
ALLEN County	0	1
ANDERSON County	0	1
BARBER County	0	6
BARTON County	0	7
BUTLER County	0	2
CHAUTAUQUA County	0	1
CHEROKEE County	0	3
CHEYENNE County	0	4
CLAY County	0	4
CLOUD County	0	5
COFFEY County	0	1
COMANCHE County	0	2
COWLEY County	0	4
CRAWFORD County	0	1
DECATUR County	0	4
DICKINSON County	0	7
EDWARDS County	0	4
ELLIS County	0	4

ELLSWORTH County	0	4
FINNEY County	0	6
FORD County	0	6
FRANKLIN County	0	1
GEARY County	0	1
GOVE County	0	5
GRAHAM County	0	3
GRANT County	0	3
GRAY County	0	5
GREELEY County	0	5
HAMILTON County	0	4
HARPER County	0	9
HARVEY County	0	5
HASKELL County	0	4
HODGEMAN County	0	4
JACKSON County	0	1
JEWELL County	0	6
KEARNY County	0	4
KINGMAN County	0	11
KIOWA County	0	3
LABETTE County	0	2
LANE County	0	4
LINCOLN County	0	5
LOGAN County	0	4
LYON County	0	1
MCPHERSON County	0	10
MARION County	0	6
MARSHALL County	0	4
MEADE County	0	3
MITCHELL County	0	8
MONTGOMERY County	0	1
MORRIS County	0	1
MORTON County	0	3
NEMAHA County	0	1
NEOSHO County	0	1
NESS County	0	5
NORTON County	0	4
OSAGE County	0	1
OSBORNE County	0	5
OTTAWA County	0	5
PAWNEE County	0	5
PHILLIPS County	0	4
PRATT County	0	7
RAWLINS County	0	6
RENO County	0	10
REPUBLIC County	0	4
RICE County	0	10
RILEY County	0	1
ROOKS County	0	4
RUSH County	0	4
RUSSELL County	0	4
SALINE County	0	6
SCOTT County	0	5
SEDGWICK County	0	8

SEWARD County	0	2
SHERIDAN County	0	4
SHERMAN County	0	6
SMITH County	0	4
STAFFORD County	0	6
STANTON County	0	4
STEVENS County	0	3
SUMNER County	0	14
THOMAS County Total	0	7
TREGO County	0	4
WALLACE County	0	1
WASHINGTON County	0	3
WICHITA County	0	5
WILSON County	0	2
WOODSON County	0	2
State Total	0	370

Pest: KARNAL BUNT Summer 2008

	Positive	Negative
ALLEN County	0	1
ANDERSON County	0	1
BARBER County	0	5
BARTON County	0	7
BOURBON County	0	1
BROWN County	0	1
BUTLER County	0	2
CHEROKEE County	0	3
COMANCHE County	0	2
CHEYENNE County	0	4
CLARK County	0	2
CLAY County	0	5
CLOUD County	0	5
COFFEY County	0	1
COWLEY County	0	4
CRAWFORD County	0	1
DECATUR County	0	4
DICKINSON County	0	7
DOUGLAS County	0	1
EDWARDS County	0	4
ELLIS County	0	4
ELLSWORTH County	0	4
FINNEY County	0	6
FORD County	0	6
FRANKLIN County	0	1
GEARY County	0	1
GOVE County	0	5
GRAHAM County	0	3
GRANT County	0	3
GRAY County	0	5
GREELEY County	0	2
HAMILTON County	0	4

HARPER County	0	9
HARVEY County	0	5
HASKELL County	0	4
HODGEMAN County	0	4
JEFFERSON County	0	1
JEWELL County	0	6
KEARNY County	0	4
KINGMAN County	0	6
KIOWA County	0	3
LABETTE County	0	2
LANE County	0	4
LINCOLN County	0	5
LOGAN County	0	4
LYON County	0	1
MARION County	0	6
MARSHALL County	0	4
MCPHERSON County	0	3
MEADE County	0	3
MITCHELL County	0	8
MONTGOMERY County	0	1
MORRIS County	0	1
MORTON County	0	3
NEMAHA County	0	1
NEOSHO County	0	1
NESS County	0	5
NORTON County	0	4
OSAGE County	0	1
OSBORNE County	0	5
OTTAWA County	0	5
PAWNEE County	0	5
PHILLIPS County	0	4
POTTAWATOMIE County	0	1
PRATT County	0	7
RAWLINS County	0	6
RENO County	0	10
REPUBLIC County	0	4
RICE County	0	7
RILEY County	0	1
ROOKS County	0	4
RUSH County	0	4
RUSSELL County	0	4
SALINE County	0	6
SCOTT County	0	5
SEDGWICK County	0	6
SEWARD County	0	2
SHAWNEE County	0	1
SHERIDAN County	0	4
SHERMAN County	0	6
SMITH County	0	5
STAFFORD County	0	6
STANTON County	0	4
STEVENS County	0	3
SUMNER County	0	14
THOMAS County	0	7

TREGO County	0	4
WALLACE County	0	1
WASHINGTON County	0	4
WICHITA County	0	4
WILSON County	0	2
WOODSON County	0	1
State Total	0	356

Pest: SOYBEAN RUST

*First positive NAPIS data entry for the state.

	Positive	Negative
ATCHISON County	1	0
CHEROKEE County	1	0
COWLEY County	1	0
JACKSON County	1	0
JEFFERSON County	1	0
LABETTE County	1	0
MONTGOMERY County	1	0
NEMAHA County	1	0
State Total	8	0

Fall of 2007 Exotic Scarab Beetle rootball survey.

Pest: Whitefringed Beetle

*Pest is first positive NAPIS data entry for the state.

Weeping Cherry	Positive	Negative
SHAWNEE County	1	0
State Total	1	0

Pests: Oriental Beetle (*EXOMALA ORIENTALIS*)

* named changed to ANOMALA ORIENTALIS in NAPIS,

Asiatic Garden Beetle (*MALADERA CASTANEA*),

European Chafer (*RHIZOTROGUS MAJALIS*)

* These pests were all checked for at the same time in rootballs.

ALBERTA SPRUCE	Positive	Negative
SHAWNEE County	0	1
Crop Total	0	1

ARBORVITAE	Positive	Negative
DOUGLAS County	0	1
MIAMI County	0	1
SALINE County	0	1
Crop Total	0	3

AUSTRIAN PINE	Positive	Negative
RILEY County	0	1
Crop Total	0	1

BLUE SPRUCE	Positive	Negative
RILEY County	0	1
SHAWNEE County	0	1
MIAMI County	0	2
JOHNSON County	0	1
MIAMI County	0	1
MIAMI County	0	1
SALINE County	0	1
Crop Total	0	8

BOXWOOD	Positive	Negative
FRANKLIN County	0	1
FRANKLIN County	0	1
MIAMI County	0	1
Crop Total	0	3

CHERRY	Positive	Negative
BROWN County	0	1
SHAWNEE County	0	1
DOUGLAS County	0	1
MIAMI County	0	1
Crop Total	0	4

COMMON LILAC	Positive	Negative
RILEY County	0	1
Crop Total	0	1

CRABAPPLE; PARADISE APPLE	Positive	Negative
FRANKLIN County	0	1
Crop Total	0	1

CYPRESS	Positive	Negative
RILEY County	0	1
MIAMI County	0	1
Crop Total	0	2

EASTERN REDBUD	Positive	Negative
BROWN County	0	1
MIAMI County	0	1
Crop Total	0	2

EASTERN WHITE PINE	Positive	Negative
JOHNSON County	0	1
FRANKLIN County	0	1
SHAWNEE County	0	1
Crop Total	0	3

EUONYMOUS (SPINDLE TREE)	Positive	Negative
RILEY County	0	1
MIAMI County	0	1
Crop Total	0	2

FLOWERING DOGWOOD	Positive	Negative
DOUGLAS County	0	1
SHAWNEE County	0	1
Crop Total	0	2

HOLLY	Positive	Negative
FRANKLIN County	0	1
MIAMI County	0	1
Crop Total	0	2

JAPANESE MAPLE	Positive	Negative
RILEY County	0	1
SHAWNEE County	0	1
FRANKLIN County	0	1
Crop Total	0	3

JUNIPER	Positive	Negative
SHAWNEE County	0	1
Crop Total	0	1

NORTHERN RED OAK	Positive	Negative
MIAMI county	0	1
Crop Total	0	1

NORWAY SPRUCE	Positive	Negative
JOHNSON County	0	1
MIAMI County	0	1
SHAWNEE county	0	1
SALINE County	0	1
Crop Total	0	4

OAK	Positive	Negative
RILEY County	0	1
Crop Total	0	1

PEAR	Positive	Negative
RILEY County	0	1
MIAMI County	0	1
Crop Total	0	2

PIN OAK	Positive	Negative
MIAMI County	0	1
Crop Total	0	1

PINE	Positive	Negative
SHAWNEE County	0	1
Crop Total	0	1

RHODODENDRON	Positive	Negative
BROWN County	0	1
Crop Total	0	1

SMOKE TREE	Positive	Negative
RILEY County	0	1
JOHNSON County	0	1
Crop Total	0	2

SPIREA	Positive	Negative
SHAWNEE County	0	1
Crop Total	0	1

SPRUCE	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	1
SHAWNEE County	0	1
Crop Total	0	3

TULIP TREE	Positive	Negative
MIAMI County	0	1
Crop Total	0	1

WEIGELA	Positive	Negative
RILEY County	0	1
Crop Total	0	1

YEW	Positive	Negative
BROWN County	0	1
RILEY County	0	1
FRANKLIN County	0	1
Crop Total	0	3

	Positive	Negative	Total
State Total of rootballs checked in fall 2007	1	59	60
30 Different plant rootballs checked in 8 counties in the fall of 2007			

Spring 2008 Exotic Scarab Beetle rootball survey.

Positive pest finds for Spring of 2008.

Pest: Oriental Beetle (*EXOMALA ORIENTALIS*)
 named changed to ANOMALA ORIENTALIS in NAPIS.

NORWAY SPRUCE	Positive	Negative
JOHNSON County	2	0
DOUGLAS County	1	0
State Total	3	0

Pest: Asiatic Garden Beetle (*MALADERA CASTANEA*)

NORWAY SPRUCE	Positive	Negative
JOHNSON County	1	0
State Total	1	0

Negative pest finds for Spring 2008.

Pest: Pests: Oriental Beetle (*EXOMALA ORIENTALIS*)
 * named changed to ANOMALA ORIENTALIS in NAPIS,
Asiatic Garden Beetle (*MALADERA CASTANEA*),
European Chafer (*RHIZOTROGUS MAJALIS*)

These pests were all checked for at the same time in rootballs.

ALBERTA SPRUCE	Positive	Negative
JOHNSON County	0	2
Crop Total	0	2

AMERICAN HORNBEAM	Positive	Negative
JOHNSON County	0	2
SEDGWICK County	0	1
Crop Total	0	3

AMERICAN YELLOWWOOD	Positive	Negative
DOUGLAS County	0	1
Crop Total	0	1

AMUR MAPLE	Positive	Negative
MONTGOMERY County	0	1
Crop Total	0	1

APPLE	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	1
Crop Total	0	2

APRICOT	Positive	Negative
JOHNSON County	0	2
SHAWNEE County	0	1
Crop Total	0	3

ARBORVITAE	Positive	Negative
ALLEN County	0	4
ATCHISON County	0	3
COFFEY County	0	2
CRAWFORD County	0	2
DOUGLAS County	0	6
FRANKLIN County	0	1
GEARY County	0	1
JOHNSON County	0	27
LEAVENWORTH County	0	2
LYON County	0	2
NEMAHA County	0	2
RILEY County	0	1
SHAWNEE County	0	5
SEDGWICK County	0	1
Crop Total	0	59

ASH	Positive	Negative
COFFEY County	0	1
GEARY County	0	1
JOHNSON County	0	1
LEAVENWORTH County	0	2
LYON County	0	1
MIAMI County	0	1
POTTAWATOMIE County	0	1
SHAWNEE County	0	1
Crop Total	0	9

AUSTRIAN PINE	Positive	Negative
COFFEY County	0	1
JOHNSON County	0	8
LYON County	0	1
RILEY County	0	1
SALINE County	0	1
SEDGWICK County	0	2
SHAWNEE county	0	1
Crop Total	0	15

BALDCYPRESS	Positive	Negative
JOHNSON County	0	4
MONTGOMERY County	0	1
NEMAHA County	0	1
OTTAWA County	0	1
SEDGWICK County	0	1
Crop Total	0	8

BIRCH	Positive	Negative
JOHNSON County	0	3
POTTAWATOMIE County	0	1
SEDGWICK County	0	1
Crop Total	0	5

BLUE SPRUCE	Positive	Negative
ATCHISON County	0	1
COFFEY County	0	2
CRAWFORD County	0	6
DOUGLAS County	0	6
FRANKLIN County	0	2
GEARY County	0	3
JOHNSON County	0	26
LEAVENWORTH County	0	2
MIAMI County	0	1
MONTGOMERY County	0	1
NEMAHA County	0	1
RILEY County	0	2
SEDGWICK County	0	3
SHAWNEE County	0	1
WYANDOTTE County	0	1
Crop Total	0	58

BOXWOOD	Positive	Negative
JOHNSON County	0	4
LEAVENWORTH County	0	1
Crop Total	0	5

CATALPA	Positive	Negative
SHAWNEE County	0	1
Crop Total	0	1

CEDAR	Positive	Negative
CRAWFORD County	0	2
DOUGLAS County	0	1
GEARY County	0	1
JOHNSON County	0	5
SEDGWICK County	0	2
SHAWNEE County	0	2
Crop Total	0	13

CHERRY	Positive	Negative
ALLEN County	0	1
COFFEY County	0	1
DOUGLAS County	0	4
JOHNSON County	0	4
SEDGWICK County	0	1
Crop Total	0	11

CHOKEBERRY	Positive	Negative
GEARY County	0	1
Crop Total	0	1

CHOKE CHERRY	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

CRABAPPLE	Positive	Negative
ATCHISON County	0	2
BROWN County	0	1
DOUGLAS County	0	1
FRANKLIN County	0	2
JOHNSON County	0	14
MIAMI County	0	1
NEMAHA County	0	3
POTTAWATOMIE County	0	1
SEDGWICK County	0	3
SHAWNEE County	0	2
Crop Total	0	30

CRAPE MYRTLE	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

DOGWOOD	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	13
MONTGOMERY County	0	1
OTTAWA County	0	1
Crop Total	0	16

EASTERN REDBUD	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

EASTERN RED CEDAR	Positive	Negative
JOHNSON County	0	1
MONTGOMERY County	0	1
SEDGWICK County	0	1
Crop Total	0	3

EASTERN WHITE PINE	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	12
MONTGOMERY County	0	1
RILEY County	0	1
SEDGWICK County	0	1
SHAWNEE County	0	2
Crop Total	0	18

ELM	Positive	Negative
BROWN County	0	1
JOHNSON County	0	1
SEDGWICK County	0	1
Crop Total	0	3

ENGLISH OAK	Positive	Negative
SEDGWICK County	0	1
Crop Total	0	1

EUONYMOUS (SPINDLE TREE)	Positive	Negative
ATCHISON County	0	2
JOHNSON County	0	14
RILEY County	0	2
Crop Total	0	18

FILBERT	Positive	Negative
DOUGLAS County	0	2
Crop Total	0	2

FIR	Positive	Negative
JOHNSON County	0	2
Crop Total	0	2

FORSYTHIA	Positive	Negative
ALLEN County	0	1
DOUGLAS County	0	1
JOHNSON County	0	4
NEMAHA County	0	1
Crop Total	0	7

GINKGO	Positive	Negative
BROWN County	0	1
JOHNSON County	0	5
LEAVENWORTH County	0	1
LYON County	0	1
SALINE County	0	1
Crop Total	0	9

HAWTHORN	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

HEMLOCK	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

HINOKI FALSECYPRESS	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

HOLLY	Positive	Negative
JOHNSON County	0	3
Crop Total	0	3

HONEY LOCUST	Positive	Negative
JOHNSON County	0	1
LYON County	0	1
MIAMI County	0	1
Crop Total	0	3

HONEYSUCKLE	Positive	Negative
ALLEN County	0	1
Crop Total	0	1

HYDRANGEA	Positive	Negative
JOHNSON County	0	3
Crop Total	0	3

JAPANESE MAPLE	Positive	Negative
JOHNSON County	0	14
LEAVENWORTH County	0	2
SEDGWICK County	0	1
Crop Total	0	17

JUNIPER	Positive	Negative
ALLEN County	0	2
CRAWFORD County	0	1
DOUGLAS County	0	3
GEARY County	0	1
JOHNSON County	0	14
LEAVENWORTH County	0	2
MONTGOMERY County	0	1
NEMAHA County	0	1
RILEY County	0	1
SEDGWICK County	0	1
SHAWNEE County	0	1
WYANDOTTE County	0	2
Crop Total	0	30

LILAC	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	4
Crop Total	0	5

LOCUST	Positive	Negative
SHAWNEE County	0	1
GEARY County	0	1
Crop Total	0	2

LONDON PLANETREE	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

MAGNOLIA	Positive	Negative
JOHNSON County	0	3
NEMAHA County	0	1
SALINE County	0	1
SHAWNEE County	0	1
Crop Total	0	6

MAPLE	Positive	Negative
ALLEN County	0	2
ATCHISON County	0	1
BROWN County	0	3
CRAWFORD County	0	2
DOUGLAS County	0	3
FRANKLIN County	0	3
JOHNSON County	0	15
LEAVENWORTH County	0	2
MIAMI County	0	2
MONTGOMERY County	0	1
NEMAHA county	0	3
OTTAWA County	0	2
POTTAWATOMIE County	0	2
SEDGWICK County	0	3
SHAWNEE County	0	2
Crop Total	0	46

NECTARINE	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

NORTHERN RED OAK	Positive	Negative
JOHNSON County	0	2
OTTAWA County	0	1
SEDGWICK County	0	1
Crop Total	0	4

NORWAY SPRUCE	Positive	Negative
DOUGLAS County	0	2
GEARY County	0	1
JOHNSON County	0	26
LEAVENWORTH County	0	2
LYON County	0	1
RILEY County	0	2
SEDGWICK County	0	3
SHAWNEE County	0	1
Crop Total	4	38

OAK	Positive	Negative
ALLEN County	0	1
BROWN County	0	1
CRAWFORD County	0	1
GEARY County	0	1
JOHNSON County	0	3
MIAMI County	0	1
POTTAWATOMIE County	0	1
SEDGWICK County	0	1
Crop Total	0	10

PEA SHRUB (PEA TREE)	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

PEACH	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	1
Crop Total	0	2

PEAR (ORNAMENTAL)	Positive	Negative
ALLEN County	0	2
ATCHISON County	0	1
CRAWFORD County	0	1
GEARY County	0	1
JOHNSON County	0	10
LEAVENWORTH County	0	1
LYON County	0	1
NEMAHA County	0	2
POTTAWATOMIE County	0	1
SALINE County	0	1
SHAWNEE County	0	3
Crop Total	0	24

PIN OAK	Positive	Negative
LYON County	0	1
MONTGOMERY County	0	1
POTTAWATOMIE County	0	1
Crop Total	0	3

PINE	Positive	Negative
ATCHISON County	0	1
BROWN County	0	1
CRAWFORD County	0	3
DOUGLAS County	0	6
FRANKLIN County	0	1
GEARY County	0	1
JOHNSON County	0	14
LEAVENWORTH County	0	1
NEMAHA County	0	2
OTTAWA County	0	3
SALINE County	0	1
SEDGWICK County	0	3
SHAWNEE County	0	1
Crop Total	0	38

PLUM; FLOWERING	Positive	Negative
JOHNSON County	0	3
OTTAWA County	0	1
SEDGWICK County	0	2
Crop Total	0	6

POST OAK	Positive	Negative
SEDGWICK County	0	1
Crop Total	0	1

REDBUD	Positive	Negative
CRAWFORD County	0	1
DOUGLAS County	0	1
GEARY County	0	1
JOHNSON County	0	7
LEAVENWORTH County	0	2
SEDGWICK County	0	1
Crop Total	0	13

RED MAPLE	Positive	Negative
DOUGLAS County	0	1
JOHNSON County	0	1
LEAVENWORTH County	0	2
NEMAHA County	0	1
SHAWNEE County	0	1
Crop Total	0	6

RED OAK	Positive	Negative
ALLEN County	0	1
Crop Total	0	1

RED OAKS	Positive	Negative
POTTAWATOMIE County	0	1
SHAWNEE County	0	1
Crop Total	0	2

RHODODENDRON	Positive	Negative
JOHNSON County	0	4
RILEY County	0	3
Crop Total	0	7

RIVER BIRCH	Positive	Negative
ALLEN County	0	1
JOHNSON County	0	8
LEAVENWORTH County	0	2
RILEY County	0	1
Crop Total	0	12

SCOTCH PINE	Positive	Negative
JOHNSON County	0	1
LEAVENWORTH County	0	1
Crop Total	0	2

SERVICEBERRY	Positive	Negative
CRAWFORD County	0	1
Crop Total	0	1

SHINGLE OAK	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

SPRUCE	Positive	Negative
ATCHISON county	0	1
BROWN County	0	2
CRAWFORD County	0	1
DOUGLAS County	0	1
JOHNSON County	0	9
LYON County	0	1
MIAMI County	0	1
NEMAHA County	0	1
OTTAWA County	0	1
SEDGWICK County	0	1
WYANDOTTE County	0	1
Crop Total	0	20

SUGAR MAPLE	Positive	Negative
SEDGWICK county	0	1
Crop Total	0	1

SWEETGUM	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

VIBURNUM	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

WEIGELA	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

WHITE ASH	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

WHITE FIR	Positive	Negative
MIAMI County	0	1
Crop Total	0	1

WHITE OAK	Positive	Negative
LEAVENWORTH County	0	1
Crop Total	0	1

WHITE OAKS	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

WILLOW	Positive	Negative
CRAWFORD County	0	1
COFFEY County	0	1
NEMAHA County	0	1
JOHNSON County	0	4
SALINE County	0	1
SEDGWICK County	0	1
Crop Total	0	9

WISTERIA	Positive	Negative
JOHNSON County	0	1
Crop Total	0	1

WITCH HAZEL	Positive	Negative
GEARY County	0	1
Crop Total	0	1

YEW	Positive	Negative
ATCHISON County	0	2
DOUGLAS County	0	4
JOHNSON County	0	36
LEAVENWORTH County	0	4
LYON County	0	2
MONTGOMERY County	0	1
NEMAHA County	0	1

SHAWNEE County	0	1
RILEY County	0	1
Crop Total	0	52

	Positive	Negative	Total
State Total of Samples taken in spring 2008 in 78 different plant rootballs in 21 counties	4	693	697
Total rootball samples in 21 counties taken for Exotic Scarab Beetle survey	5	752	757

Pest: WITCHWEED

	Positive	Negative
ALLEN County	0	1
ANDERSON County	0	1
ATCHISON County	0	1
BARTON County	0	3
BROWN County	0	4
BUTLER County	0	1
CHEROKEE County	0	2
CHEYENNE County	0	2
CLAY County	0	3
CLOUD County	0	4
COFFEY County	0	1
COWLEY County	0	2
CRAWFORD County	0	1
DECATUR County	0	5
DICKINSON County	0	4
DONIPHAN County	0	2
DOUGLAS County	0	3
EDWARDS County	0	2
ELK County	0	1
ELLSWORTH County	0	4
FINNEY County	0	10
FORD County	0	7
FRANKLIN County	0	1
GEARY County	0	3
GOVE County	0	4
GRAHAM County	0	5
GRANT County	0	3
GRAY County	0	4
GREELEY County	0	4
GREENWOOD County	0	1
HAMILTON County	0	6
HARPER County	0	1
HARVEY County	0	3
HASKELL County	0	3
HODGEMAN County	0	4
JACKSON County	0	2
JEFFERSON County	0	2

JEWELL County	0	3
KEARNY County	0	6
KINGMAN County	0	2
KIOWA County	0	2
LABETTE County	0	2
LANE County	0	4
LEAVENWORTH County	0	4
LINCOLN County	0	3
LINN County	0	1
LOGAN County	0	4
MCPHERSON County	0	3
MARION County	0	4
MARSHALL County	0	4
MEADE County	0	2
MIAMI County	0	2
MITCHELL County	0	2
MONTGOMERY County	0	3
MORRIS County	0	1
MORTON County	0	4
NEMAHA County	0	3
NEOSHO County	0	3
NESS County	0	4
NORTON County	0	4
OSAGE County	0	1
OSBORNE County	0	3
OTTAWA County	0	2
PAWNEE County	0	3
PHILLIPS County	0	3
POTTAWATOMIE County	0	3
PRATT County	0	4
RAWLINS County	0	2
RENO County	0	7
REPUBLIC County	0	3
RICE County	0	1
RILEY County	0	2
ROOKS County	0	3
RUSSELL County	0	3
SALINE County	0	1
SCOTT County	0	2
SEDGWICK County	0	7
SEWARD County	0	5
SHAWNEE County	0	2
SHERIDAN County	0	6
SHERMAN County	0	5
SMITH County	0	3
STAFFORD County	0	3
STANTON County	0	3
STEVENS County	0	3
SUMNER County	0	3
THOMAS County	0	8
TREGO County	0	7
WALLACE County	0	3
WASHINGTON County	0	3
WICHITA County	0	3

WILSON County	0	2
WOODSON County	0	1
State Total	0	291
93 Counties checked		

Pest: JAVA AND PHILLIPINE DOWNY MILDEW (these were surveyed for at the same time as Witchweed)

	Positive	Negative
ALLEN County	0	2
ANDERSON County	0	2
ATCHISON County	0	2
BARTON County	0	6
BROWN County	0	8
BUTLER County	0	4
CHEROKEE County	0	4
CHEYENNE County	0	4
CLAY County	0	6
CLOUD County	0	8
COFFEY County	0	2
COWLEY County	0	4
CRAWFORD County	0	2
DECATUR County	0	10
DICKINSON County	0	8
DONIPHAN County	0	4
DOUGLAS County	0	6
EDWARDS County	0	4
ELK County	0	2
ELLSWORTH County	0	8
FINNEY County	0	20
FORD County	0	14
FRANKLIN County	0	2
GEARY County	0	6
GOVE County	0	8
GRAHAM County	0	10
GRANT County	0	6
GRAY County	0	8
GREELEY County	0	8
GREENWOOD County	0	2
HAMILTON County	0	12
HARPER County	0	2
HARVEY County	0	6
HASKELL County	0	6
HODGEMAN County	0	8
JACKSON County	0	4
JEFFERSON County	0	4
JEWELL County	0	6
KEARNY County	0	12
KINGMAN County	0	4
KIOWA County	0	4
LABETTE County	0	4
LANE County	0	8

LEAVENWORTH County	0	8
LINCOLN County	0	6
LINN County	0	2
LOGAN County	0	8
MCPHERSON County	0	6
MARION County	0	8
MARSHALL County	0	8
MEADE County	0	4
MIAMI County	0	4
MITCHELL County	0	4
MONTGOMERY County	0	6
MORRIS County	0	2
MORTON County	0	8
NEMAHA County	0	6
NEOSHO County	0	6
NESS County	0	8
NORTON County	0	8
OSAGE County	0	2
OSBORNE County	0	6
OTTAWA County	0	4
PAWNEE County	0	6
PHILLIPS County	0	6
POTTAWATOMIE County	0	6
PRATT County	0	8
RAWLINS County	0	4
RENO County	0	14
REPUBLIC County	0	6
RICE County	0	2
RILEY County	0	4
ROOKS County	0	6
RUSSELL County	0	6
SALINE County	0	2
SCOTT County	0	4
SEDGWICK County	0	14
SEWARD County	0	10
SHAWNEE County	0	4
SHERIDAN County	0	12
SHERMAN County	0	10
SMITH County	0	6
STAFFORD County	0	6
STANTON County	0	6
STEVENS County	0	6
SUMNER County	0	6
THOMAS County	0	16
TREGO County	0	14
WALLACE County	0	6
WASHINGTON County	0	6
WICHITA County	0	6
WILSON County	0	4
WOODSON County	0	2
State Total	0	582

Pest: OAK SPLENDOUR BEETLE

	Positive	Negative
BROWN County	0	1
DONIPHAN County	0	1
FRANKLIN County	0	1
MIAMI County	0	1
OSAGE County	0	1
SHAWNEE County	0	1
State Total	0	6

Pest: EMERALD ASH BORER

*Surveyed for visually when doing Oak Splendour Beetle

	Positive	Negative
BROWN County	0	1
DONIPHAN County	0	1
FRANKLIN County	0	1
MIAMI County	0	1
OSAGE County	0	1
SHAWNEE County	0	1
State Total	0	6

Pest: ASIATIC GARDEN BEETLE

	Positive	
Negative		
CHEROKEE County	0	1
CRAWFORD County	0	1
GEARY County	0	1
HARVEY County	0	1
JOHNSON County	0	1
LEAVENWORTH County	0	1
MIAMI County	0	1
RILEY County	0	1
SHAWNEE County	0	2
WYANDOTTE County	0	1
State Total	0	11

Pest: EUROPEAN CHAFER

	Positive	Negative
CHEROKEE County	0	1
CRAWFORD County	0	1
GEARY County	0	1
HARVEY County	0	1
JOHNSON County	0	1
LEAVENWORTH County	0	1
MIAMI County	0	1
RILEY County	0	1
SHAWNEE County	0	2

WYANDOTTE County	0	1
State Total	0	11

Pest: ORIENTAL BEETLE

	Positive	Negative
CHEROKEE County	0	1
CRAWFORD County	0	2
GEARY County	0	1
HARVEY County	0	2
JOHNSON County	0	6
LEAVENWORTH County	0	5
MIAMI County	0	1
RILEY County	0	4
SHAWNEE County	0	9
WYANDOTTE County	0	3
State Total	0	34

Pest: SMALL SOUTHERN PINE ENGRAVER

	Positive	Negative
Shawnee County	1	0
State Total	1	0

Pest: JAPANESE BEETLE

*14 Shawnee County traps caught 136,960 Japanese Beetles.

	Positive	Negative
WYANDOTTE County	2	0
DOUGLAS County	35	60
ELLIS County	0	1
JOHNSON County	11	67
MIAMI County	4	33
THOMAS County	0	1
State Total	50	162

Pest: KHAPRA BEETLE

	Positive	Negative
LANE County	0	1
RENO County	0	2
SEDGWICK County	0	13
SHERMAN County	0	1
WALLACE County	0	1
WICHITA County	0	1
State Total	0	19

Pest: EUROPEAN GYPSY MOTH USDA traps, National Survey (Data entered by Laurinda)

	Positive	Negative
BUTLER County	0	2
COFFEY County	0	1
DICKINSON County	0	6
DOUGLAS County	0	4
ELLIS County	0	2
FINNEY County	0	5
FORD County	0	2
FRANKLIN County	0	4
GEARY County	0	7
JACKSON County	0	3
JEFFERSON County	0	3
JOHNSON County	0	8
LEAVENWORTH County	0	5
LYON County	0	7
MIAMI County	0	7
MORRIS County	0	1
OSAGE County	0	1
POTTAWATOMIE County	0	4
RILEY County	0	5
SALINE County	0	28
SEDGWICK County	0	37
SEWARD County	0	4
SHAWNEE County	0	10
SHERMAN County	0	1
THOMAS County	0	3
WABAUNSEE County	0	2
WYANDOTTE County	0	6
State Total	0	168

Pest: ASIAN GYPSY MOTH

*This data was entered into NAPIS for USDA trapping from last Summer and was done at the same time as European Gypsy Moth.

	Positive	Negative
BUTLER County	0	2
COFFEY County	0	1
DICKINSON County	0	6
DOUGLAS County	0	4
ELLIS County	0	2
FINNEY County	0	5
FORD County	0	2
FRANKLIN County	0	4
GEARY County	0	7
JACKSON County	0	3
JEFFERSON County	0	3
JOHNSON County	0	8
LEAVENWORTH County	0	5
LYON County	0	6
MIAMI County	0	7
MORRIS County	0	1

OSAGE County	0	1
POTTAWATOMIE County	0	4
RILEY County	0	5
SALINE County	0	28
SEDGWICK County	0	37
SEWARD County	0	4
SHAWNEE County	0	10
SHERMAN County	0	1
THOMAS County	0	3
WABAUNSEE County	0	2
WYANDOTTE County	0	6
State Total	0	167

Pest: GYPSY MOTH

	Positive	Negative
CHEROKEE County	0	1
COFFEY County	0	10
CRAWFORD County	0	2
DOUGLAS County	0	2
GEARY County	0	11
JEFFERSON County	0	13
JOHNSON County	0	7
MIAMI County	0	1
MORRIS County	0	12
OSAGE County	0	20
PHILLIPS County	0	1
POTTAWATOMIE County	0	2
RENO County	0	3
RILEY County	0	10
SALINE County	0	4
SEDGWICK County	0	7
SHAWNEE County	0	6
State Total	0	115

Pest: CEREAL LEAF BEETLE

	Positive	Negative
ATCHISON County	0	2
CLOUD County	0	2
CRAWFORD County	0	2
DICKINSON County	0	2
DOUGLAS County	0	1
ELLIS County	0	1
FINNEY County	0	1
FORD County	0	1
GOVE County	0	1
GRAHAM County	0	1
GRANT County	0	1
GRAY County	0	1
HAMILTON County	0	1
HARVEY County	0	4

JEWELL County	0	1
KEARNY County	0	1
LABETTE County	0	2
LOGAN County	0	1
MARSHALL County	0	2
MITCHELL County	0	1
MORRIS County	0	2
MORTON County	0	1
NESS County	0	2
NORTON County	0	1
OSAGE County	0	2
OTTAWA County	0	2
PHILLIPS County	0	1
RENO County	0	11
REPUBLIC County	0	2
ROOKS County	0	2
SEDGWICK County	0	3
SEWARD County	0	1
SHAWNEE County	0	3
SMITH County	0	1
STANTON County	0	1
STEVENS County	0	1
SUMNER County	0	9
THOMAS County	0	1
TREGO County	0	1
WASHINGTON County	0	2
State Total	0	78

Pest: SEED GALL NEMATODE

* This data was never entered into NAPIS. We needed this historical data information for our Cereal Crop Nematode Survey.

	Positive	Negative
WHEAT		
1/6/1999 CHEYENNE County	0	1
1/6/1999 KIOWA County	0	1
1/6/1999 MEADE County	0	1
1/6/1999 SEDGWICK County	0	2
3/16/1999 WYANDOTTE County	0	1
3/22/1999 WYANDOTTE County	0	1
5/1/1999 KIOWA County	0	1
5/1/1999 SALINE County	0	1
5/1/1999 SEDGWICK County	0	1
6/7/1999 ATCHISON County	0	1
6/7/1999 KIOWA County	0	1
6/7/1999 RENO County	0	2
6/7/1999 SALINE County	0	2
10/18/1999 FORD County	0	2
10/21/1999 FORD County	0	2
10/21/1999 KIOWA County	0	1
10/21/1999 REPUBLIC County	0	1
10/21/1999 SEWARD County	0	2
10/21/1999 STANTON County	0	1
10/21/1999 STEVENS County	0	3

11/8/1999 FORD County	0	1
11/8/1999 TREGO County	0	2
11/22/1999 LANE County	0	1
11/22/1999 RENO County	0	1
11/22/1999 RUSSELL County	0	1
11/23/1999 MEADE County	0	2
11/23/1999 RENO County	0	2
3/7/2000 RILEY County	0	1
1/10/2001 RILEY County	0	2
1/30/2001 FINNEY County	0	4
3/12/2001 FINNEY County	0	1
3/12/2001 RENO County	0	1
3/12/2001 SALINE County	0	1
1/15/2002 STEVENS County	0	2
2/11/2002 RILEY County	0	4
2/14/2002 RILEY County	0	2
12/31/2002 WYANDOTTE County	0	1
1/13/2003 BROWN County	0	1
1/13/2003 WYANDOTTE County	0	1
3/24/2003 WYANDOTTE County	0	4
10/29/2003 GRAY County	0	1
10/29/2003 HASKELL County	0	1
10/29/2003 MORTON County	0	1
State Total	0	66

Pest: BRITISH ROOT KNOT NEMATODE (*Meloidogyne artiellia*), MEDITERRANEAN CEREAL CYST NEMATODE (*Heterodera latipons*), CEREAL CYST NEMATODE (*Heterodera avenae*), CEREAL CYST NEMATODE (*Heterodera filipjevi*), SOYBEAN CYST NEMATODE (*Heterodera glycines*)

*All nematodes were checked for at the same time in 699 wheat soil and root samples.

	Positive	Negative
CHEYENNE County	0	35
DECATUR County	0	24
FINNEY County	0	38
GOVE County	0	23
GRAHAM County	0	18
GRANT County	0	16
GRAY County	0	28
GREELEY County	0	38
HAMILTON County	0	27
HASKELL County	0	22
KEARNY County	0	20
LANE County	0	22
LOGAN County	0	29
MEADE County	0	20
MORTON County	0	16
NESS County	0	29
NORTON County	0	23

RAWLINS County	0	35
SCOTT County	0	31
SEWARD County	0	15
SHERIDAN County	0	22
SHERMAN County	0	32
STANTON County	0	27
STEVENS County	0	19
THOMAS County	0	40
WALLACE County	0	21
WICHITA County	0	29
State Total	0	699

Pest: LESION NEMATODES (PRATYLENCHUS SP.)

	Positive	Negative
CHEYENNE County	31	4
DECATUR County	21	3
FINNEY County	36	2
GOVE County	19	4
GRAHAM County	17	1
GRANT County	13	3
GRAY County	25	3
GREELEY County	37	1
HAMILTON County	21	6
HASKELL County	20	2
KEARNY County	16	4
LANE County	22	0
LOGAN County	28	1
MEADE County	10	10
MORTON County	15	1
NESS County	23	6
NORTON County	21	2
RAWLINS County	29	6
SCOTT County	30	1
SEWARD County	8	7
SHERIDAN County	16	6
SHERMAN County	26	6
STANTON County	24	3
STEVENS County	10	9
THOMAS County	34	6
WALLACE County	21	0
WICHITA County	27	2
State Total	600	99